UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.				
10/827,476	04/19/2004	Kenneth B. Higgins	5615B 3281					
25280 Legal Departme	7590 11/19/200 ent (M-495)	EXAMINER						
P.O. Box 1926			JUSKA, CHERYL ANN					
Spartanburg, SC	_ 2930 4		ART UNIT	PAPER NUMBER				
			1794					
			MAIL DATE	DELIVERY MODE				
			11/19/2008	PAPER				

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Index of Claims 10827476 Examiner Cheryl Juska Applicant(s)/Patent Under Reexamination HIGGINS ET AL. Art Unit 1771

✓	Rejected	-	Cancelled	N	Non-Elected	Α	Appeal
=	Allowed	÷	Restricted	I	Interference	0	Objected

Final Original 10/01/2007 06/09/2008 11/17/2008	CL	ΔIM				DATE				
1			10/01/2007	06/00/2000	11/17/2000	DAIL	Ι			T
2	-inai		+							
3 ✓ ✓ 4 ✓ ✓ 5 ✓ ✓ 6 ✓ ✓ 7 ✓ ✓ 8 ✓ ✓ 9 ✓ ✓ 10 ✓ ✓ 11 ✓ ✓ 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 - - 26 - - 27 ✓ ✓ 28 ✓ ✓ 30 ✓ ✓ 29 ✓ ✓ 33 ✓ ✓ 33 ✓ <td< td=""><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td> +</td></td<>		1							-	 +
4 ✓ ✓ 5 ✓ ✓ 6 ✓ ✓ 7 ✓ ✓ 8 ✓ ✓ 9 ✓ ✓ 10 ✓ ✓ 11 ✓ ✓ 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 - - 26 - - 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 33 ✓ ✓ 33 ✓ ✓ 33 ✓ <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td> -</td></t<>									_	 -
5 ✓ ✓ 6 ✓ ✓ 7 ✓ ✓ 8 ✓ ✓ 9 ✓ ✓ 10 ✓ ✓ 11 ✓ ✓ 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 - - 26 - - 27 ✓ ✓ 28 ✓ ✓ 30 ✓ ✓ 29 ✓ ✓ 33 ✓ ✓ 33 ✓ ✓ 33 ✓ <										
6			<u> </u>		ļ					
7 ✓										
8 ✓ ✓ 9 ✓ ✓ 10 ✓ ✓ 11 ✓ ✓ 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 - - 26 - - 28 ✓ ✓ 30 ✓ ✓ 31 - - 33 ✓ ✓ 33 ✓ ✓ 34 ✓ ✓										
9										
10			✓							
11 ✓ ✓ 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 - - 26 - - 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 - - 33 ✓ ✓ 33 ✓ ✓ 33 ✓ ✓ 33 ✓ ✓ 33 ✓ ✓			✓	✓	√					
12		10	✓	✓	✓					
13 - - - 14 - - - 15 - - - 16 - - - 17 - - - 18 - - - 19 - - - 20 ✓ ✓ ✓ 21 ✓ ✓ ✓ 22 ✓ ✓ ✓ 23 ✓ ✓ ✓ 24 ✓ ✓ ✓ 25 - - - 26 - - - 27 ✓ ✓ ✓ 28 ✓ ✓ ✓ 30 ✓ ✓ ✓ 31 - - - 33 ✓ ✓ ✓ 33 ✓ ✓ ✓ 33 ✓ ✓ ✓		11	✓	✓	✓					
14 -		12	-	-	-					
15 -		13	-	-	-					
16 - - - 17 - - - 18 - - - 19 - - - 20 ✓ ✓ ✓ 21 ✓ ✓ ✓ 22 ✓ ✓ ✓ 23 ✓ ✓ ✓ 24 ✓ ✓ ✓ 25 - - - 26 - - - 27 ✓ ✓ ✓ 28 ✓ ✓ ✓ 29 ✓ ✓ ✓ 30 ✓ ✓ ✓ 31 - - - 33 ✓ ✓ ✓ 33 ✓ ✓ ✓ 34 ✓ ✓ ✓		14	-	-	-					
17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 - - 26 - - 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 - - 32 - - 33 ✓ ✓ 33 ✓ ✓		15	-	-	-					
18 -		16	-	-	-					
18 -		17	-	-	-					
19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 - - 26 - - 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 - - 32 - - 33 ✓ ✓ 34 ✓ ✓			-	-	-					
20 ✓ ✓ ✓ 21 ✓ ✓ ✓ 22 ✓ ✓ ✓ 23 ✓ ✓ ✓ 24 ✓ ✓ ✓ 25 - - - 26 - - - 27 ✓ ✓ ✓ 28 ✓ ✓ ✓ 29 ✓ ✓ ✓ 30 ✓ ✓ ✓ 31 - - - 32 - - - 33 ✓ ✓ ✓ 34 ✓ ✓ ✓			-	-	_					
21 V V V 22 V V V 23 V V V 24 V V V 25 - - - 26 - - - 27 V V V 28 V V V 29 V V V 30 V V V 31 - - - 32 - - - 33 V V V 34 V V V			1							
22 ✓ ✓ ✓ 23 ✓ ✓ ✓ 24 ✓ ✓ ✓ 25 - - - 26 - - - 27 ✓ ✓ ✓ 28 ✓ ✓ ✓ 29 ✓ ✓ ✓ 30 ✓ ✓ ✓ 31 - - - 32 - - - 33 ✓ ✓ ✓ 34 ✓ ✓ ✓			√	✓	 					
23 ✓ ✓ ✓ 24 ✓ ✓ ✓ 25 - - - 26 - - - 27 ✓ ✓ ✓ 28 ✓ ✓ ✓ 29 ✓ ✓ ✓ 30 ✓ ✓ ✓ 31 - - - 32 - - - 33 ✓ ✓ ✓ 34 ✓ ✓ ✓				√						
24 ✓ ✓ ✓ 25 - - - 26 - - - 27 ✓ ✓ ✓ 28 ✓ ✓ ✓ 29 ✓ ✓ ✓ 30 ✓ ✓ ✓ 31 - - - 32 - - - 33 ✓ ✓ ✓ 34 ✓ ✓ ✓			 	√	 					
25			 	√	/					
26 -			-		-					
27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 - - 32 - - 33 ✓ ✓ 34 ✓ ✓										
28									+	
29 ✓ ✓ 30 ✓ ✓ 31 - - 32 - - 33 ✓ ✓ 34 ✓ ✓									+	
30										
31									_	 +
32					 				\perp	
33				-					\perp	 +
34 🗸 🗸			-							
		36	✓	✓	✓	l	I			1

	Application/Control No.	Applicant(s)/Patent Under Reexamination
Index of Claims	10827476	HIGGINS ET AL.
	Examiner	Art Unit
	Cheryl Juska	1771

✓ Rejected		_	Can	celled		N Non-Elected			Α	Арр	eal
= Allowed		÷	Res	tricted		ı	Interference		0	Obje	cted
						•		_			
☐ Claims ı	☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47									R.1.47	
CLA	CLAIM DATE										
Final	Original	10/01/2007	06/09/2008	11/17/2008							
	37	-	-	✓							

☐ Claims	renumbered	in the same	order as pr	esented by a	applicant		∐ CPA	∐ T.E	р. 📙	R.1.47	
CL	AIM	DATE									
Final	Original	10/01/2007	06/09/2008	11/17/2008							
	37	-	-	✓							
	38	✓	✓	✓							
	39	✓	√	✓							
	40	-	-	-							
	41	-	-	-							
	42	✓	✓	✓							
	43	✓	✓	✓							
	44	-	-	-							
	45	-	-	-							
	46	-	-	-							
	47	-	-	-							
	48	-	-	-							
	49	-	-	-							
	50	✓	✓	✓							
	51		✓	✓							
	52		✓	✓							
	53		✓	√							
	54		✓	✓							
			/	/							

U.S. Patent and Trademark Office Part of Paper No.: 20081117